

AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims below.

Listing of Claims:

1. (Currently Amended) A contact piece of a contact arrangement for ~~the purpose of~~ interrupting a current in a distribution system, comprising: having
a contact carrier-(8) which has a hollow-cylindrical wall section-(9) and a base wall-(10);
and
~~having~~ a contact disk (1) which lies opposite the base wall-(10) in a longitudinal direction, slots-(2) being provided for ~~the purpose of~~ producing a magnetic field, wherein
~~characterized in that~~
the rims of the slots-(2) have rounded-off edges (3) having a defined radius.

2. (Currently Amended) The contact piece as claimed in claim 1,
~~characterized in that~~ wherein
the radius R is set as a function of ~~the a~~ voltage of the distribution system U in accordance with
~~the a~~ rule on dimensions:

$$R \geq 2 \cdot 10^{-4} \cdot U^2 + 8.5 \cdot 10^{-3} \cdot U + 0.34,$$

where U has ~~the a~~ unit kilovolts and R has ~~the a~~ unit millimeters.

3. (Currently Amended) The contact piece as claimed in claim 1 ~~or 2~~,
~~characterized in that~~ wherein
the slots-(2) have slot ends-(4) in ~~the a~~ form of a rounded hole-(5, 6).

4. (Currently Amended) The contact piece as claimed in claim 3,
~~characterized in that~~ wherein
the diameter of the rounded hole (6) is in ~~the a~~ region of a slot width of the slots-(2).

5. (Currently Amended) The contact piece as claimed in ~~either of claims 1 and 2,~~
~~characterized in that~~claim 1, wherein the slots ~~(2)~~ have rectangular slot ends ~~(7)~~.

6. (Currently Amended) The contact piece as claimed in ~~one of the preceding claims,~~
~~characterized in that~~claim 1, wherein
the slots ~~(2)~~ are provided in the wall section ~~(9)~~ and are inclined with respect to ~~the~~ a
longitudinal direction.

7. (Currently Amended) The contact piece as claimed in ~~one of the preceding claims,~~
~~characterized in that~~claim 1, wherein
the slots ~~(2)~~ are formed in the contact disk ~~(1)~~.

8. (Currently Amended) The contact piece as claimed in ~~one of the preceding claims,~~
~~characterized in that~~claim 1, wherein
the slots ~~(2)~~ are provided in the base wall ~~(10)~~.